



Scale: 10" / 100'  
Measured Depth Log

**Well Name** McElmo Dome Yellow Jacket YA-6

**Location** Section: 28/ Township: 7 S/ Range: 96 W

**State** CO

**County** Montezuma

**Country** US

**Rig Number** Nabors M13

**Field** McElmo Dome Yellow Jacket-YA

**Spud Date** 11/01/2012

**Drilling Completed** 11/25/2012

**Ground Elevation** 6723'

**K.B. Elevation** 6748'

**Logged Interval** 8007' To 9261'

**Total Depth** 9261'

**Formation** Leadville Base

**Type of Drilling Fluid** Fresh Water

## Operator

**Company** KINDER MORGAN

## Rock Types

UNKNOWN	DOLOMITE	SHALE GRAY	TILL
ANHYDRITE	CHERT	SHALE COLORED	BENTONITE
GYPSUM	COAL	SILTSTONE	TUFF
SALT	MARLSTONE	SANDSTONE	IGNEOUS
SIDERITE or LIMONITE	CLAYSTONE	CONGLOMERATE	METAMORPHIC
LIMESTONE	SHALE	BRECCIA	

## Accessories

### Fossils

ALGAE  
AMPHIPORA  
BELEMNITE  
BIOCLASTIC  
BRACHIOPOD  
BRYOZOA  
CEPHALOPOD  
CORAL  
CRINOID  
ECHINOID

### Fossil

GASTROPOD  
OOLITE  
OSTRACOD  
PELECYPOD  
PELLET  
PISOLITE  
PLANT REMAINS  
PLANT SPORES  
SCAPHOPOD  
STROMATOPOROID

### Minerals

### Argillaceous

ARGILLITE GRAIN  
BENTONITE  
BITUMENOUS SUBSTANCE  
BRECCIA FRAGMENTS  
CALCAREOUS  
CARBONACEOUS FLAKES  
CHTDK  
CHTLT  
COAL - THIN BEDS  
DOLOMITIC  
FELDSPAR

### Glaucconite

GYPSIFEROUS  
HEAVY MINERAL  
KAOLIN  
MARLSTONE  
MINERAL CRYSTALS  
NODULES  
PHOSPHATE PELLETS  
PYRITE  
SALT CAST  
SANDY  
SILICEOUS

### Stringer

ANHYDRITE STRINGER  
BENTONITE STRINGER  
COAL STRINGER  
DOLOMITE STRINGER  
GYPSUM STRINGER  
LIMESTONE STRINGER  
MARLSTONE (CALC) STRG  
MARLSTONE (DOL) STRG  
SANDSTONE STRINGER  
SHALE STRINGER



FORAMINIFERA



ANHYDRITIC



FERRUGINOUS



TUFFACEOUS



SILTSTONE STRINGER

## Other Symbols

### Oil Show

DEAD

EVEN

QUESTIONABLE

SPOTTED STAINING

### Porosity

EARTHY

FENESTRAL

FRACTURE

INTERCRYSTALLINE

INTEROOLITIC

MOLDIC

ORGANIC

PINPOINT

VUGGY

### Engineering

BIT

CONNECTION (LEFT)

CONNECTION (RIGHT)

CONNECTION GAS

CORE - LOST

CORE - RECOVERED

DST INTERVAL

FAULT

FORMATION TOP

GAS SHOW

MN DEPTH MN DEPTH

NORMAL FAULT

OIL SHOW

OVERTURNED STRATA

REVERSE FAULT

SIDEWALL CORE (LEFT)

SIDEWALL CORE (RIGHT)

SLIDE

SURVEY

TRIP GAS

WIRELINE TESTED - LEFT

WIRELINE TESTED - RT

### Rounding

ANGULAR

ROUNDED

SUBANG

SUBRND

### Textures

BOUNDSTONE

CHALKY

CRYPTOXLN

EARTHY

FINELYXLN

GRAINSTONE

LITHOGRAPHIC

MICROXLN

MUDSTONE

PACKSTONE

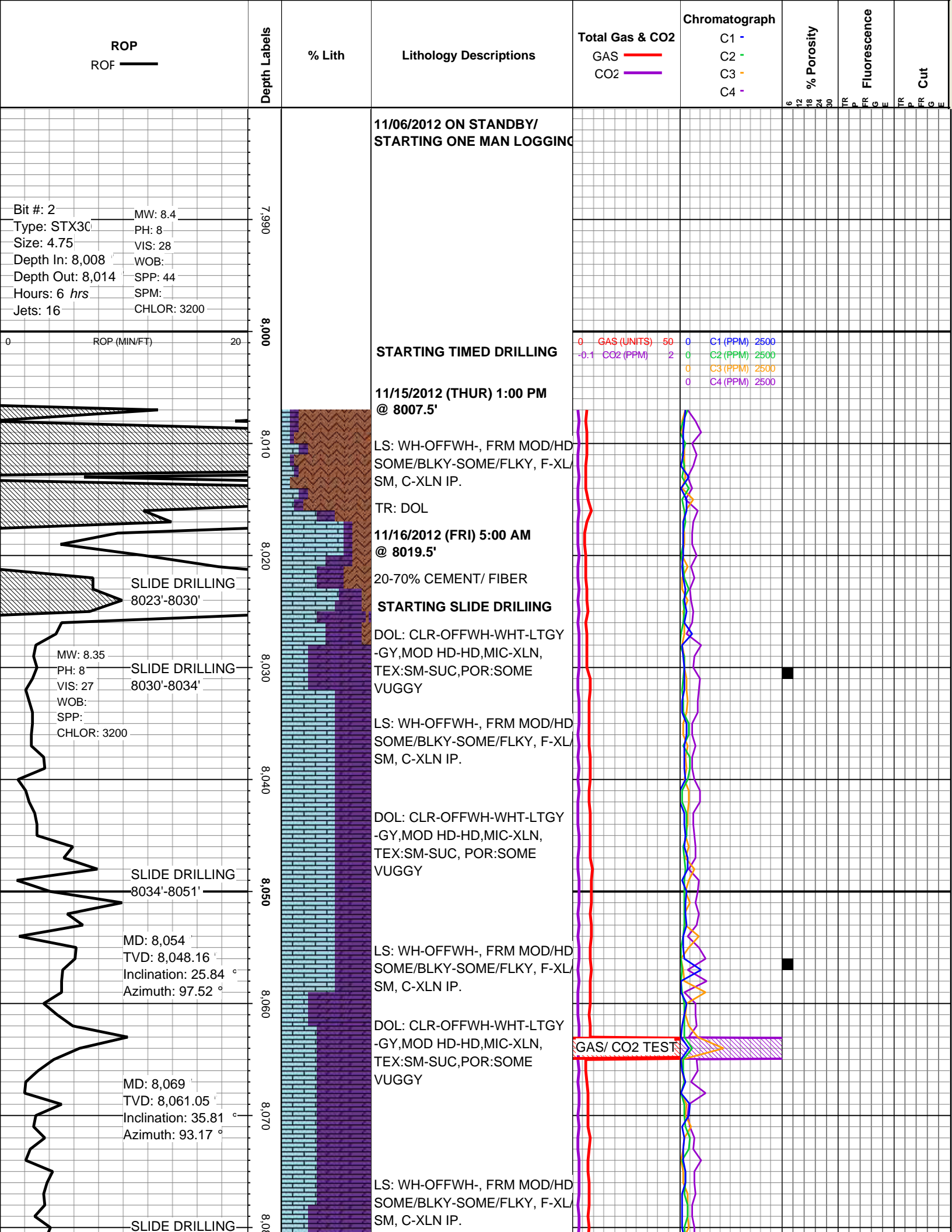
WACKESTONE

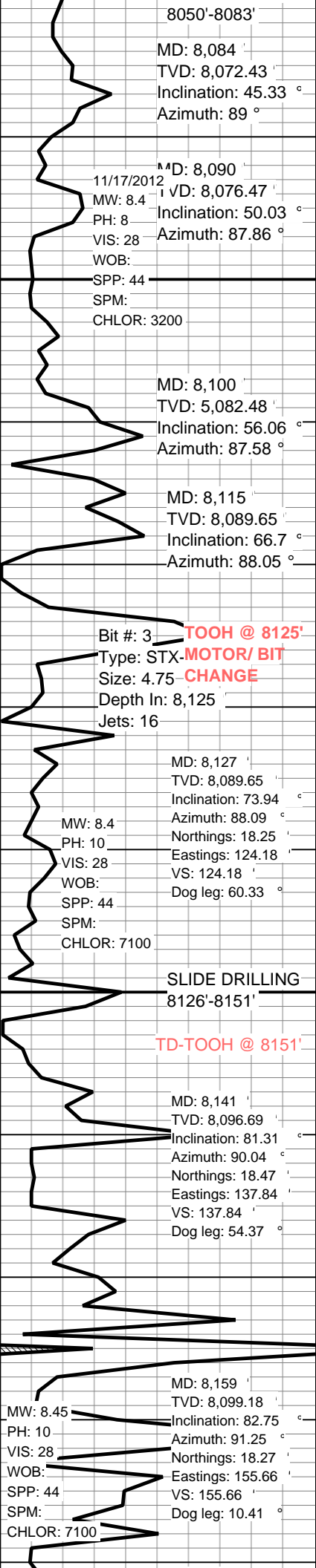
### Sorting

MODERATE

POOR

WELL





DOL: CLR-OFFFWH-WHT-LTGY  
-GY,MOD HD-HD,MIC-XLN,  
TEX:SM-SUC,POR:SOME  
VUGGY

LS: WH-OFFFWH-, FRM MOD/HD  
SOME/BLKY-SOME/FLKY, F-XL/  
SM, C-XLN IP.

DOL: CLR-OFFFWH-WHT-LTGY  
-GY,MOD HD-HD,MIC-XLN,  
TEX:SM-SUC,POR:SOME  
VUGGY

11/17/2012 (SAT) 5:00 AM  
@ 8125.6'

LS: WH-OFFFWH-, FRM MOD/HD  
SOME/BLKY-SOME/FLKY, F-XL/  
SM, C-XLN IP.

DOL: CLR-OFFFWH-WHT-LTGY  
-GY-DGY,MOD HD-HD,MIC-XLN  
TEX:SM-SUC,POR:SOME  
VUGGY

TR: CEMENT

11/18/2012 (SAT) 5:00 AM  
@ 8151.06'

LS: WH-OFFFWH-, FRM MOD/HD  
SOME/BLKY-SOME/FLKY, F-XL/  
SM, C-XLN IP.

DOL: CLR-OFFFWH-WHT-LTGY  
-GY-DGY,MOD HD-HD,MIC-XLN  
TEX:SM-SUC,POR:SOME  
VUGGY

DOL @ 8165'-8178' COL V  
LIGHT

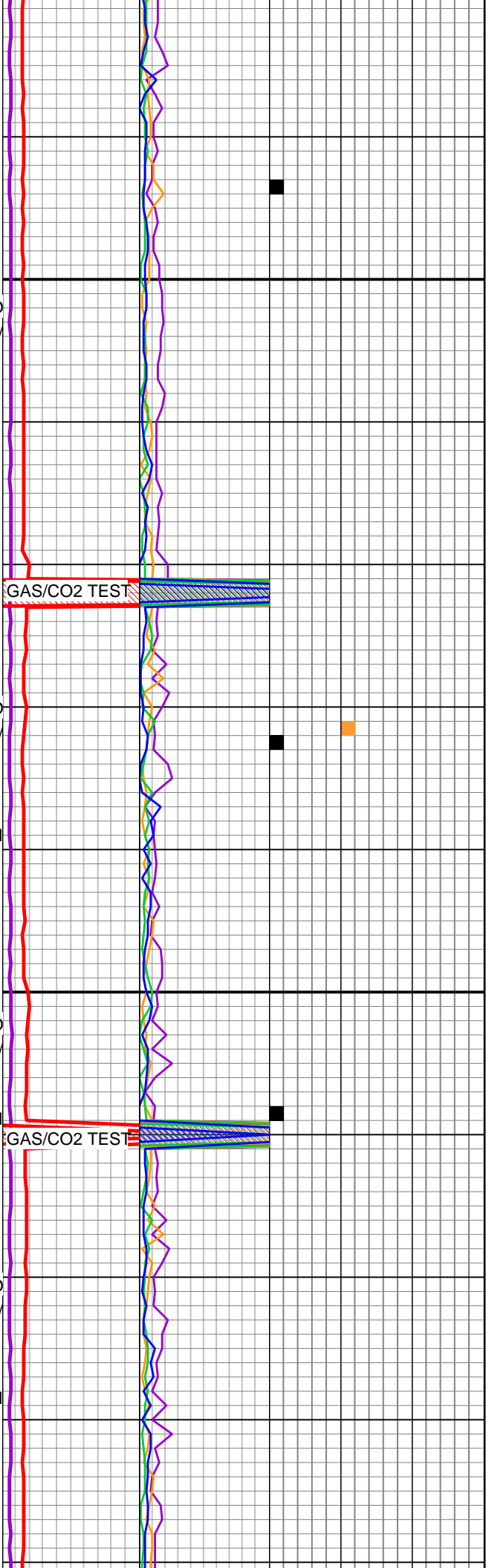
TR: CHERT

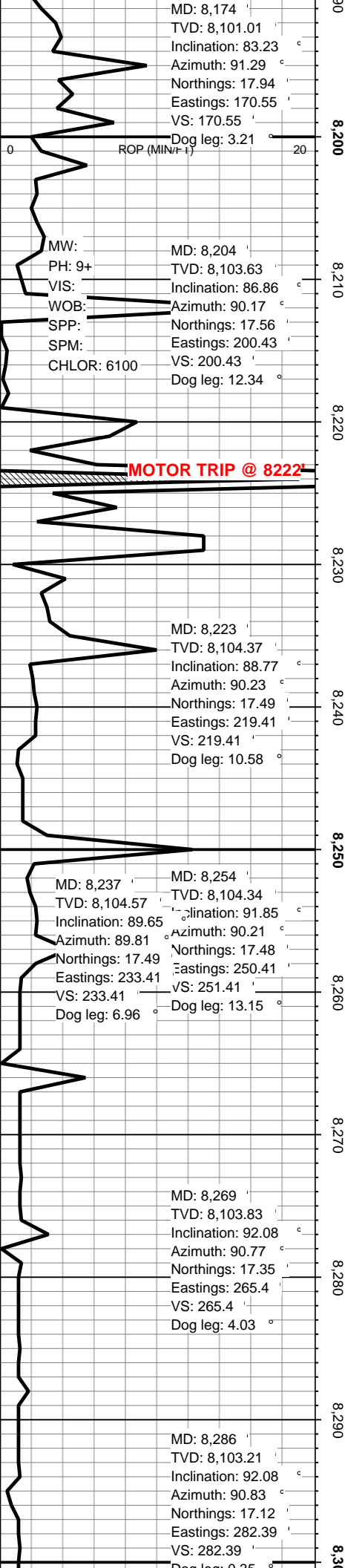
LS: WH-OFFFWH-, FRM MOD/HD  
SOME/BLKY-SOME/FLKY, F-XL/  
SM, C-XLN IP.

DOL: CLR-OFFFWH-WHT-LTGY  
-GY-DGY,MOD HD-HD,MIC-XLN  
TEX:SM-SUC,POR:SOME  
VUGGY

11/19/2012 (MON) 5:00 AM  
@ 8187.5'

DOL: CLR-OFFFWH-WHT-LTGY





DOL: CLR-OFFFWH-WHT-LTGY  
-GY-DGY,MOD HD-HD,MIC-XLN  
TEX:SM-SUC,POR:SOME  
VUGGY

TR: CHERT

DOL: CLR-OFFFWH-WHT-LTGY  
-GY-DGY,MOD HD-HD,MIC-XLN  
TEX:SM-SUC,POR:SOME  
VUGGY

TR: CHERT

11/20/2012 (TUES) 5:00 AM  
@ 8222.6'

LS: WH-OFFFWH-, FRM MOD/HD  
SOME/BLKY-SOME/FLKY, F-XL/  
SM, C-XLN IP.

DOL: OFFFWH-LTGYGY-DGY,  
MOD HD-HD,MIC-XLN,  
TEX:SUC,POR:VUGGY

TR: CHERT

LS: WH-OFFFWH-, FRM MOD/HD  
SOME/BLKY-SOME/FLKY, F-XL/  
SM, C-XLN IP.

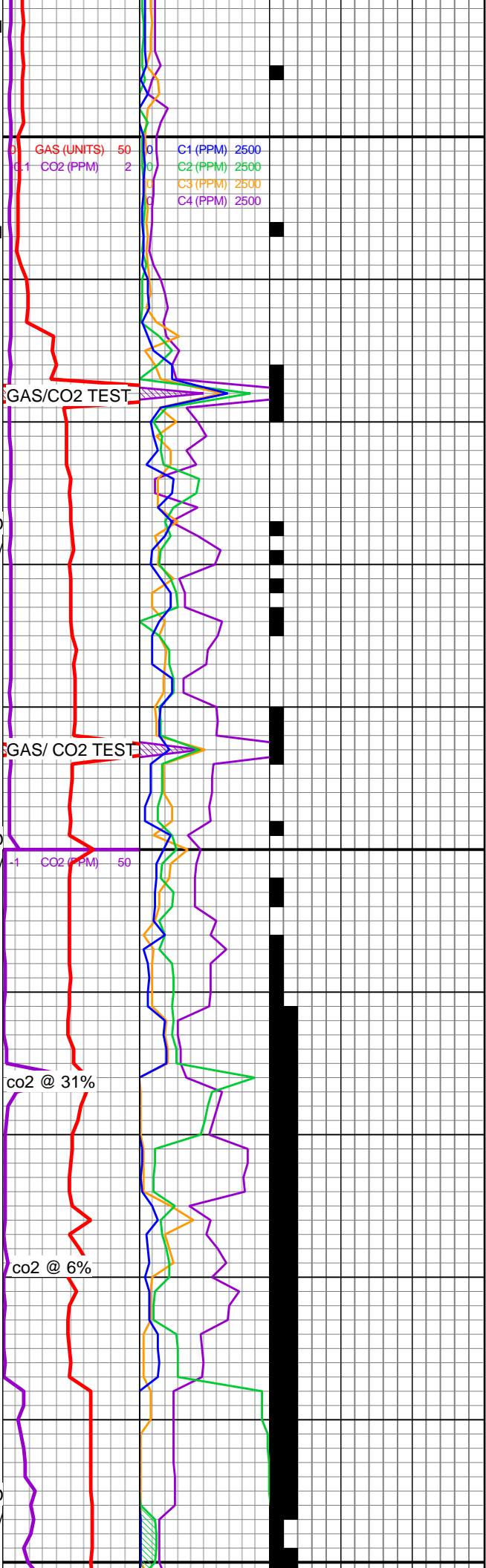
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DOL: OFFFWH-LTGYGY-DGY,  
MOD HD-HD,MIC-XLN,  
TEX:SUC,POR:VUGGY

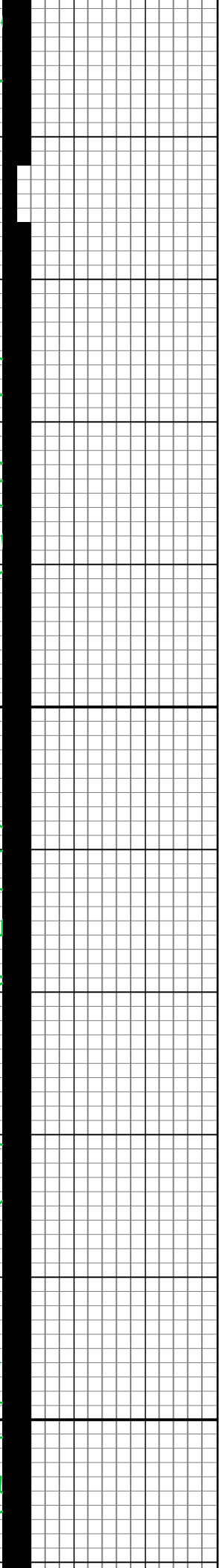
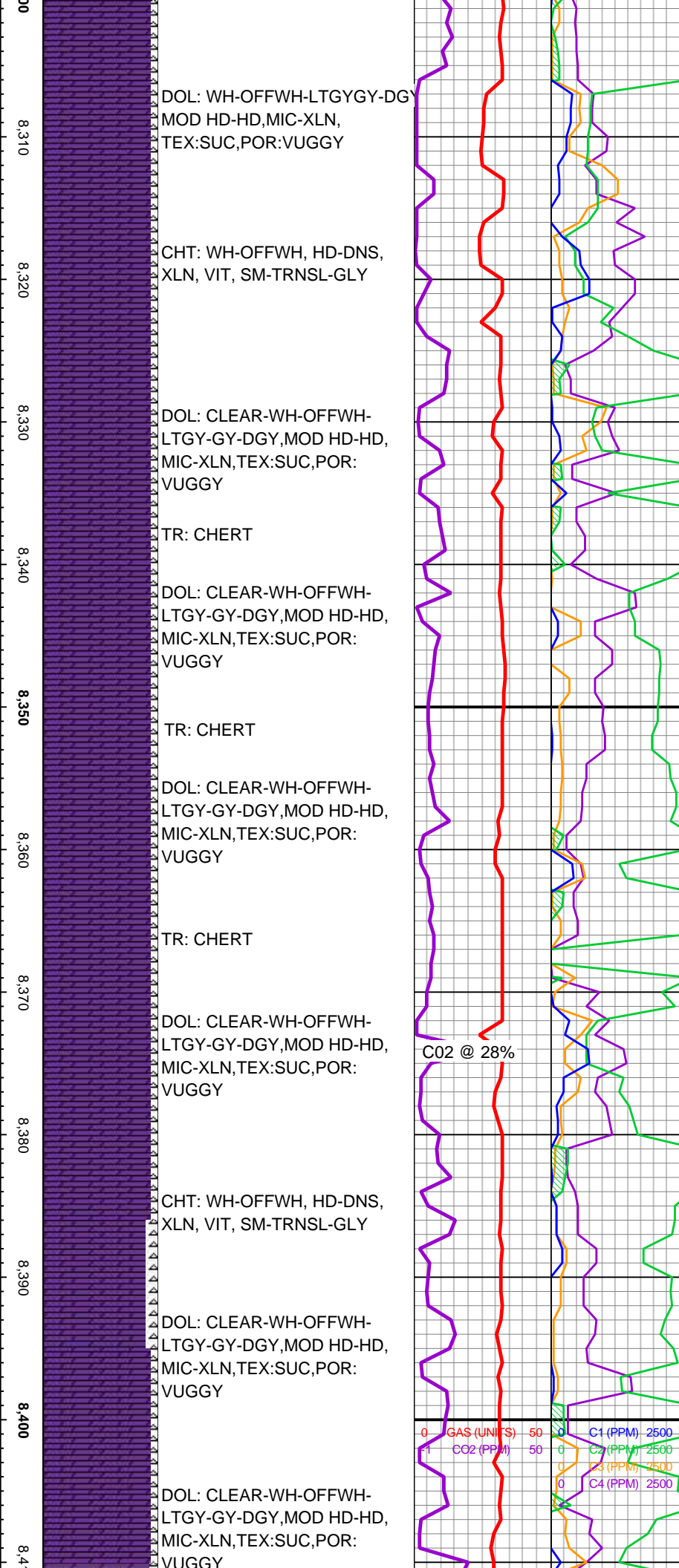
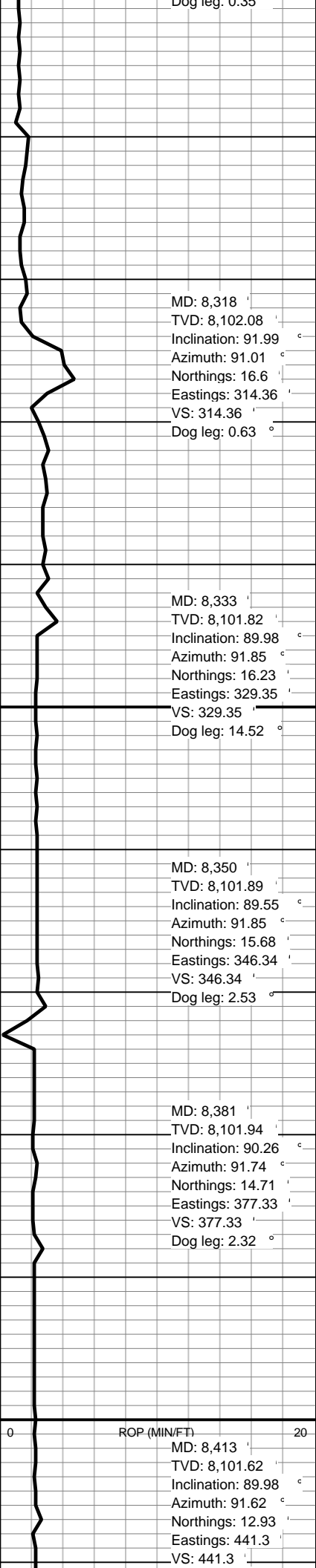
DOL: OFFFWH-LTGYGY-DGY,  
MOD HD-HD,MIC-XLN,  
TEX:SUC,POR:VUGGY

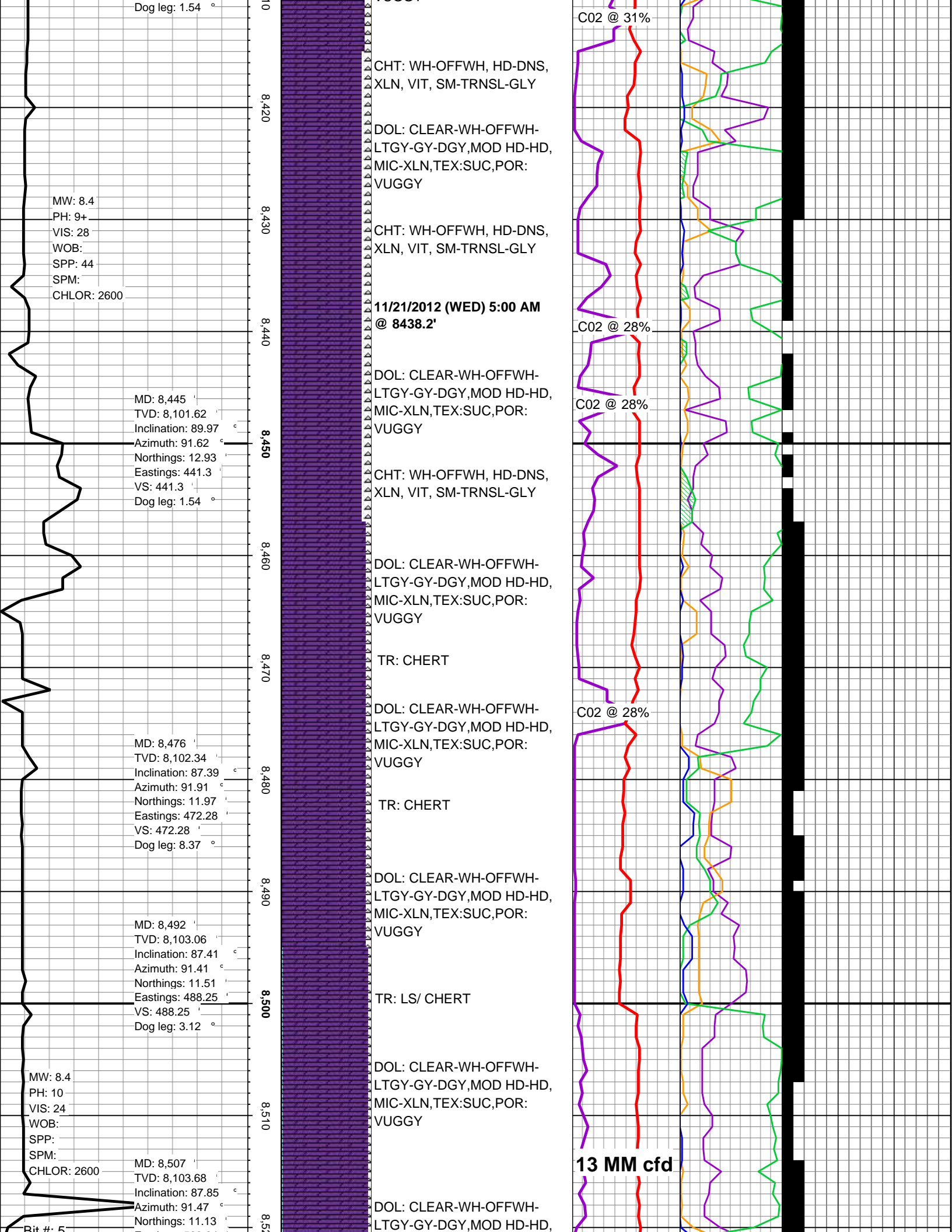
TR: CHERT

LS: WH-OFFFWH-, FRM MOD/HD  
SOME/BLKY-SOME/FLKY, F-XL/  
SM, C-XLN IP.



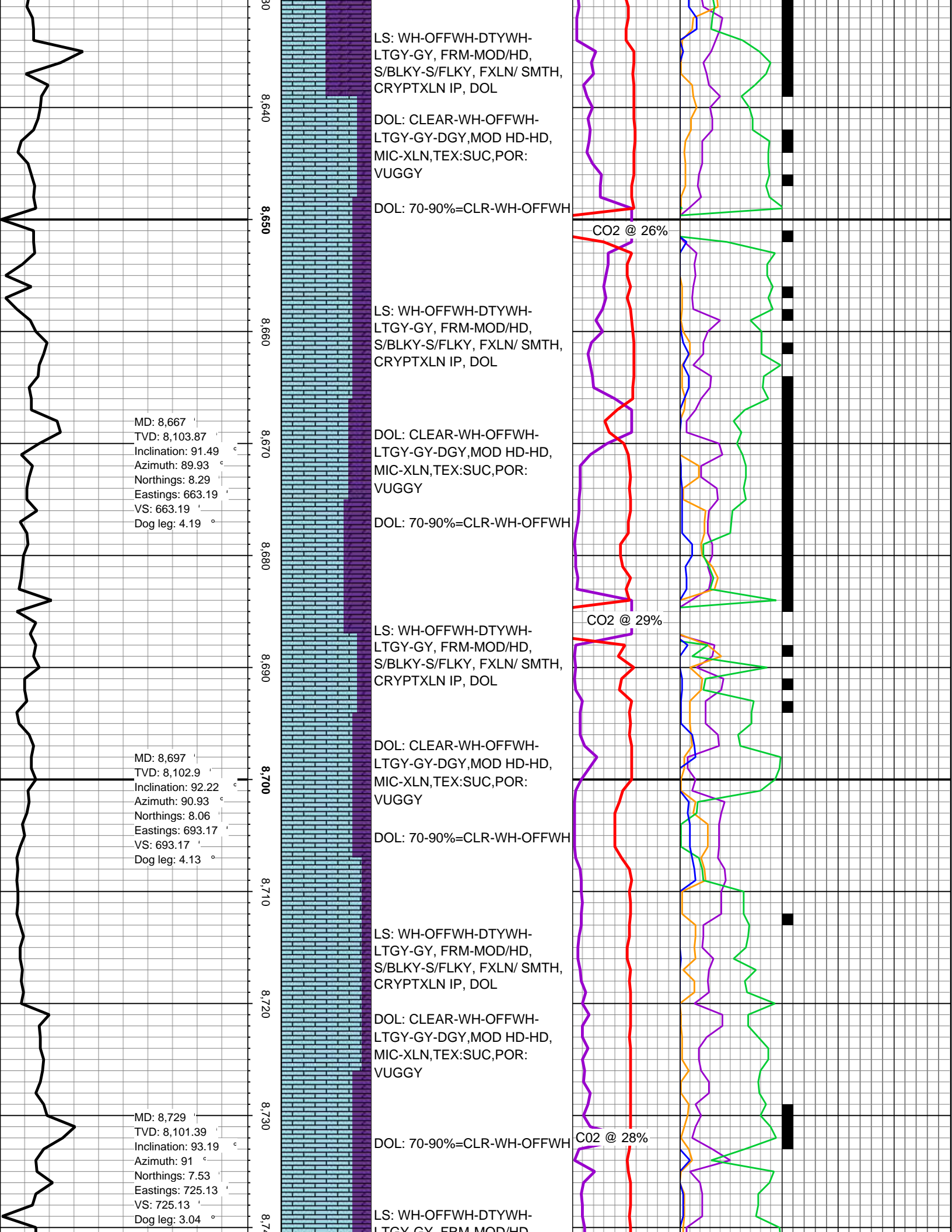


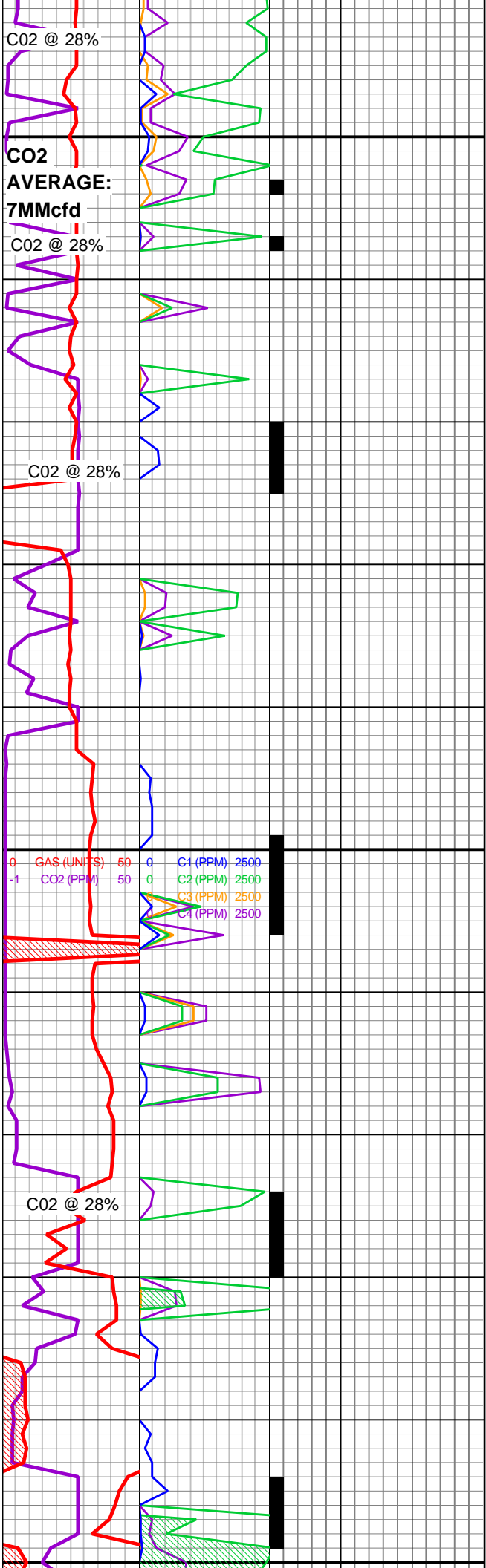
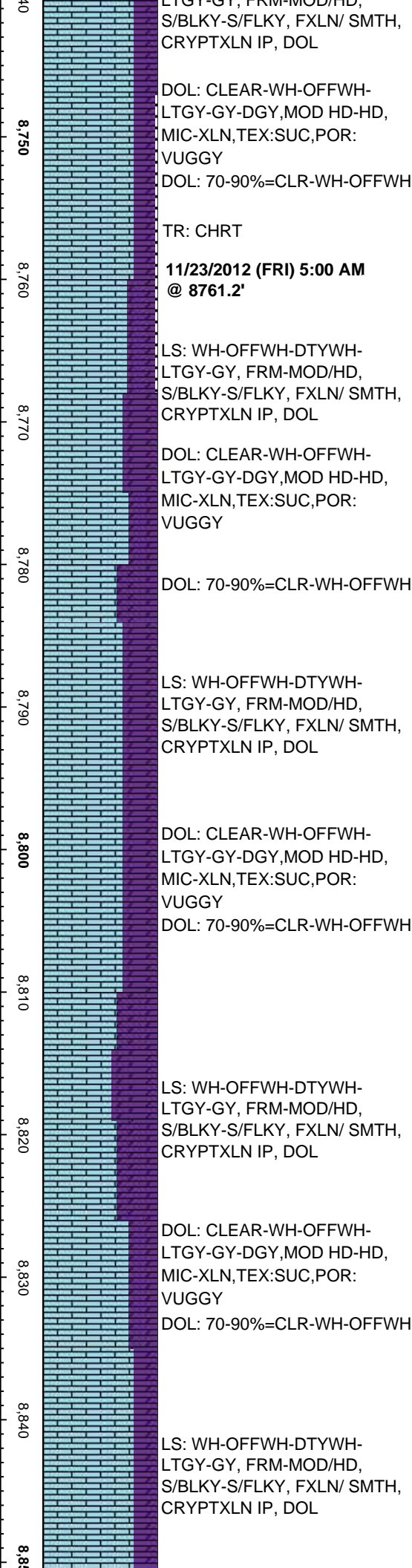
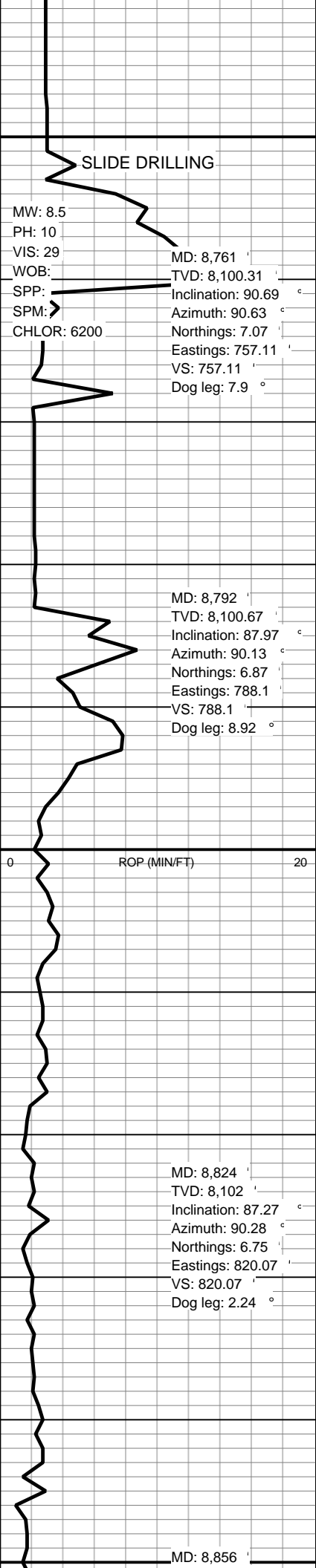


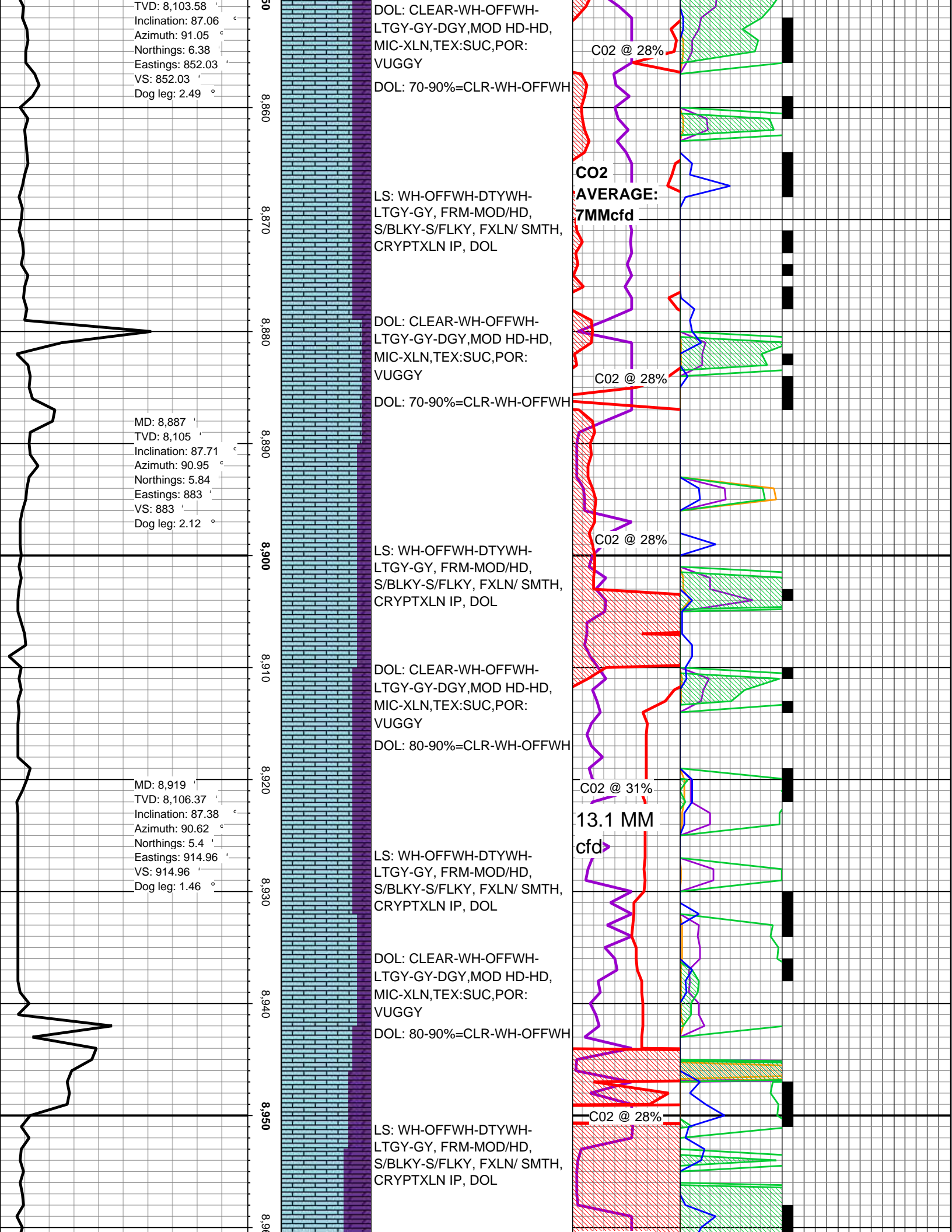


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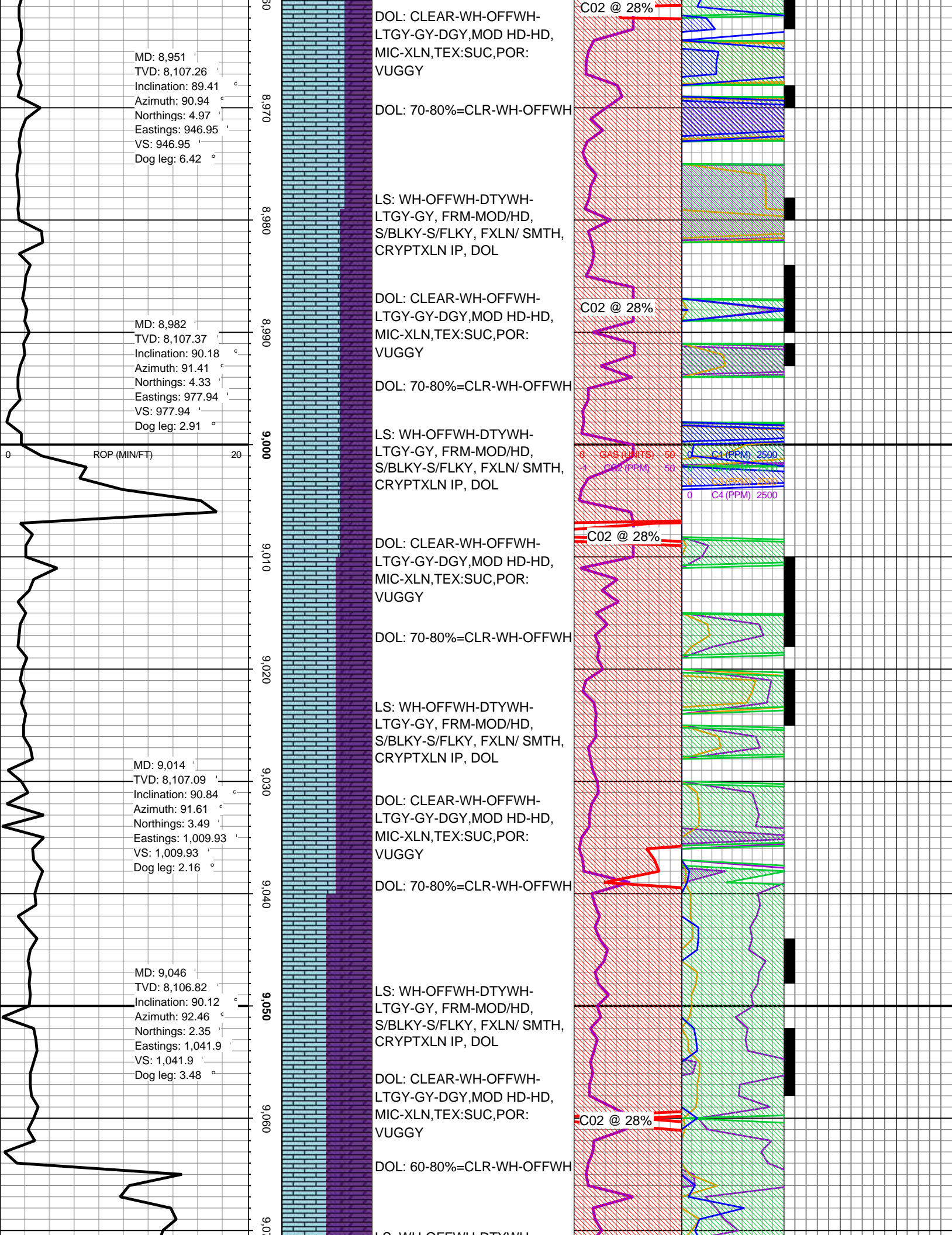




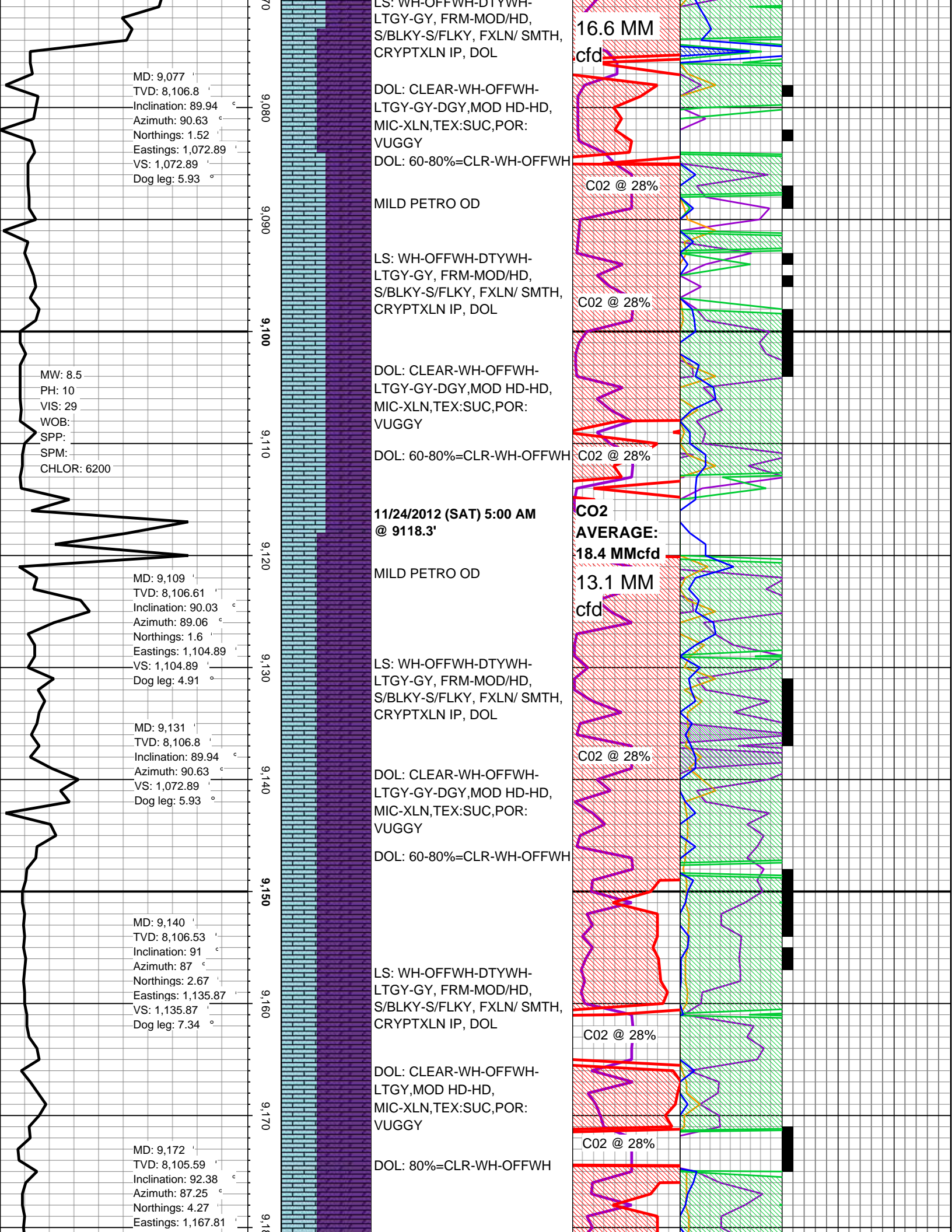


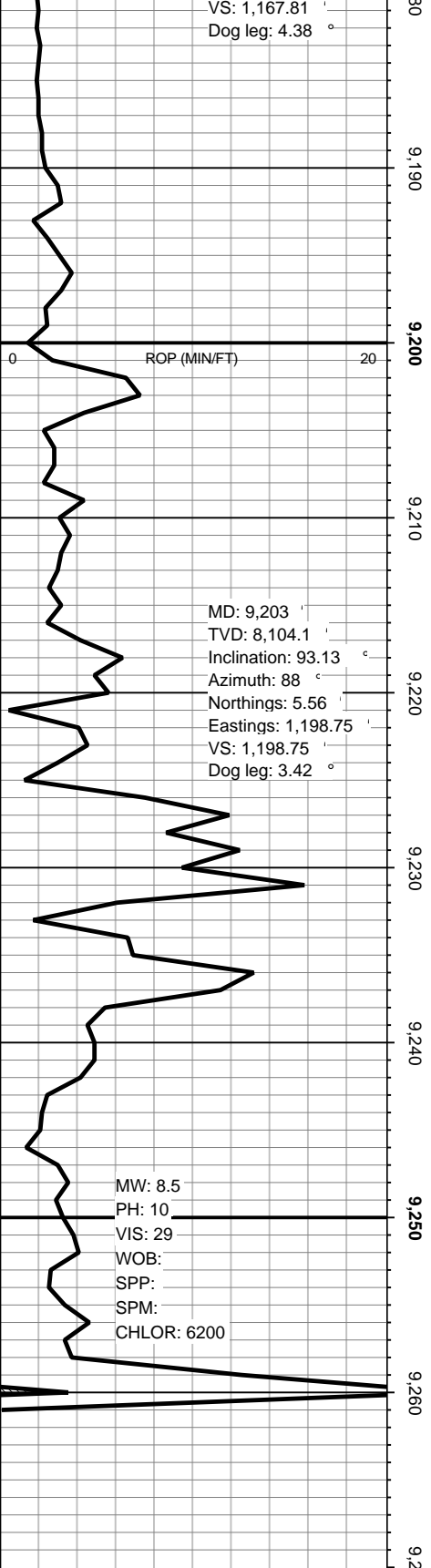












LS: WH-OFFWH-DTYWH-  
LTGY-GY, FRM-MOD/HD,  
S/BLKY-S/FLKY, FXLN/ SMTH,  
CRYPTXLN IP, DOL

DOL: CLEAR-WH-OFFWH-  
LTGY-GY-DGY,MOD HD-HD,  
MIC-XLN,TEX:SUC,POR:  
VUGGY

DOL: 80%=CLR-WH-OFFWH

LS: WH-OFFWH-DTYWH-  
LTGY-GY, FRM-MOD/HD,  
S/BLKY-S/FLKY, FXLN/ SMTH,  
CRYPTXLN IP, DOL

DOL: CLEAR-WH-OFFWH-  
LTGY, MOD HD-HD,  
MIC-XLN,TEX:SUC,POR:  
VUGGY

DOL: 90%=CLR-WH-OFFWH

LS: WH-OFFWH-DTYWH-  
LTGY-GY, FRM-MOD/HD,  
S/BLKY-S/FLKY, FXLN/ SMTH,  
CRYPTXLN IP, DOL

DOL: CLEAR-WH-OFFWH-  
LTGY,MOD HD-HD,  
MIC-XLN,TEX:SUC,POR:  
VUGGY

DOL: 60-80%=CLR-WH-OFFWH

TD-11/25/2012 (SUN) 5:00 AM  
@ 9261.6'

